

Appl. No. 10/748,313
Amtd Dated Aug. 18, 2005
Reply to Office Action June. 10, 2005

REMARKS

Applicant highly appreciates the allowance of claims 9-18.

Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Ho et al. (U.S. 6,607,023). Claims 6-8 are objected to as being dependent upon a rejected base claim. Applicant disagrees with the rejection and the objection of Examiner and traverses as below.

Original claim 1 clearly points out that the at least one locking plate (16) and the at least one blocking portion (18) are respectively located at opposite main faces of the main body (12) of each of the fins (10), and the at least one locking plate engages with the at least one blocking portion of an adjacent fin. Since the blocking portion and the locking plate are formed at opposite main faces, in the present invention, the locking plate does not need to extend across the main body of an adjacent fin in order to engage with the blocking portion thereof.

However, in Ho et al., an interlocking device 20 for assembling a heat sink fin 2 comprises a female slot 22, a protruding hook 21, and an opening hole 23. Particularly referring to FIGS. 3A, 3B and A-A of Ho et al., since the hook 21 and the slot 22 are formed at the same main face of the main body of the fin 2, the protruding hook 21 of the heat sink fin 2 needs to extend across the main body of an adjacent heat sink fin 2 to wedge into the female slot 22 of the adjacent heat sink fin 2. The barb 211 of the protruding hook 21 of the heat sink fin 2 hooks said opening hole 23 of said adjacent heat sink fin 2. The protruding hook 21 engages with the web of the material left between the female slot 22 and the opening hole 23. Furthermore, the web of material left between

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the female slot 22 and the opening hole 23 is coplanar with the main body of the heat sink fin 2. Consequently, the protruding hook 21 of the heat sink fin 2 must extend across the main body of the adjacent heat sink fin 2 to grasp the web of material of left between the female slot 22 and the opening hole 23 in the main body of the adjacent heat sink fin 2. The web left between the female slot 22 and the opening hole 23 of Ho thus can not read on the blocking portion located at a side of the main body opposite to the locking plate of claim 1 of the present application.

Therefore, Ho et al. can not anticipate the invention of claim 1 of the present application, because Ho et al. did not teach all limitations of claim 1. Accordingly, the rejection of claim 1 under 35 U.S.C. 102 (e) is not sustainable and is respectfully requested to be withdrawn.

For the above-given reasons, claim 1 should be allowable, and their dependent claims, i.e., claims 2-8 should also be allowable.

In view of the foregoing, the subject application as claimed in the pending claims is in a condition for allowance and an action to such effect is earnestly solicited.

Respectfully submitted,

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